

Concerning Compact Discs

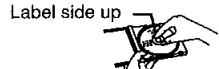


Only compact discs bearing this mark can be used with this unit.

However, continued use of irregular shaped CDs can damage the unit.



How to remove a disc from its case



How to hold a disc



If the surface is dirty

Wipe it with a damp cloth and then wipe dry.

Wipe from the center toward the circumference.



Play surface (shiny surface)



Handling precautions

• If you are taking the CD from a cold to a warm environment, moisture may form on the CD. Wipe this off with a soft, dry, lint-free cloth before using the CD.

• Do not write on the label side with a ball-point pen or other writing instrument.

• Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvent.

• Do not attach labels or stickers to CDs. (Do not use CDs with exposed adhesive from tape or left over peeled off stickers.)

- Do not use scratch-proof protectors, etc.

Storage precautions

Be sure to store CDs in their cases to protect them from dust, scratches, and warping.

Do not place or store CDs in the following places

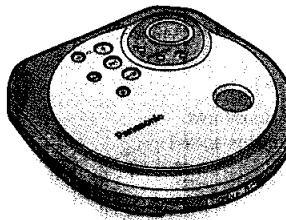
- Locations exposed to direct sunlight
- Humid or dusty locations
- Locations directly exposed to a heat vent or heating appliance
- In the glove compartment or on the rear deck of an automobile

Portable CD player

Panasonic

Operating Instructions

**SL-SX390
SL-SX340
SL-SX361C**



Dear Customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully.



Note:

"EB" on the packaging indicates the United Kingdom.

Supplied Accessories

Check the packing carton for these accessories.

AC adaptor 1

SL-SX390 **SL-SX340**

(N0JCCE000004)

Stereo earphones 1

SL-SX390

(LOBAB0000124)

SL-SX340 **SL-SX361C**

(LOBAB0000123)

SL-SX390

Wired remote control 1

(N2QCB0D000010)

SL-SX361C

Car adaptor 1

(SH-CDC12PEY)

Car stereo cassette adaptor .. 1

(SHCDM10B1PYK)

Use numbers indicated in parentheses when asking for replacement parts.

Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

EB

Matsushita Electric Industrial Co., Ltd.

En RQT6335-B

F1201YH0

CAUTION!

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS
OR PERFORMANCE OF PROCEDURES
OTHER THAN THOSE SPECIFIED HEREIN
MAY RESULT IN HAZARDOUS RADIA-
TION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT
REPAIR YOURSELF. REFER SERVICING
TO QUALIFIED PERSONNEL.

WARNING:

TO REDUCE THE RISK OF FIRE, ELEC-
TRIC SHOCK OR PRODUCT DAMAGE, DO
NOT EXPOSE THIS APPARATUS TO
RAIN, MOISTURE, DRIPPING OR
SPLASHING AND THAT NO OBJECTS
FILLED WITH LIQUIDS, SUCH AS VASES,
SHALL BE PLACED ON THE APPA-
TUS.

Marking sign is located on bottom of the unit.

THIS UNIT IS INTENDED FOR USE IN
MODERATE CLIMATES.

CAUTION!

• DO NOT INSTALL, OR PLACE THIS
UNIT, IN A BOOKCASE, BUILT-IN CABI-
NET OR IN ANOTHER CONFINED
SPACE. ENSURE THE UNIT IS WELL
VENTILATED. TO PREVENT RISK OF
ELECTRIC SHOCK OR FIRE HAZARD
DUE TO OVERHEATING, ENSURE THAT
CURTAINS AND ANY OTHER MATERI-
ALS DO NOT OBSTRUCT THE VENTILA-
TION VENTS.

- DO NOT OBSTRUCT THE UNIT'S VENTI-
LATION OPENINGS WITH NEWSPA-
PERS, TABLECLOTHS, CURTAINS, AND
SIMILAR ITEMS.
- DO NOT PLACE SOURCES OF NAKED
FLAMES, SUCH AS LIGHTED CANDLES,
ON THE UNIT.
- DISPOSE OF BATTERIES IN AN ENVI-
RONMENTALLY FRIENDLY MANNER.

This product may receive radio interference
caused by mobile telephones during use. If
such interference is apparent, please in-
crease separation between the product and
the mobile telephone.

SL-SX390 : indicates a feature which can be
enjoyed with SL-SX390.

SL-SX340 : SL-SX340 only.

SL-SX361C : SL-SX361C only.

CLASS 1 LASER PRODUCT

ADVARSEL: USYNLIG LASERSTRÅLING
VED ÅBNING, NAR SIKKERHEDSAF-
BRYDERE ER UDE AF FUNKTION,
UNOGÅ UDSÆTTELSE FOR STRÅLING.

VORSICHT - Unsichtbare
Laserstrahlung, wenn
Abdeckung geöffnet und
Sicherheitsverriegelung
überbrückt. Nicht den
Strahl aussetzen.

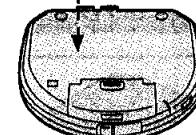
DANGER - Invisible
laser radiation
when open and
interlock defeated.
AVOID DIRECT EX-
POSURE TO BEAM.

VARO! Avataessa ja
suojalukitus ohitettuna näkymätön
laserströyille.
Älä katso siihen.

VARNING! Osynlig
laserstrålning när denna
del är öppnad och
spärren är urkopplad.
Beträkta ej strålen.

ADVERSEL! Usynlig
laserstrålning når deksel
åpnes og sikkerhedsåb-
rytes. Unngå
eksponering for strålen.

A pleine puissance, l'écoute
prolongée du baladeur peut
endommager l'oreille de
l'utilisateur. RQLS0198



Bottom of product

Power Supply Preparations

Refer to the specifications (page 6) for information on operating times when using dry cell batteries.

Using the AC adaptor

SL-SX390 SL-SX340

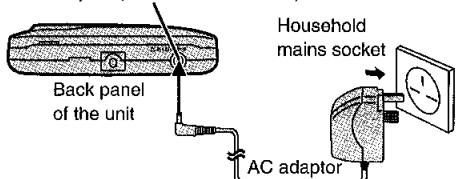
Use only the included AC adaptor. Use other adaptors can damage the unit.

SL-SX361C

Be sure to obtain the optional AC adaptor (RFEA403B-S).

Connect the AC adaptor.

DC IN jack (DC IN 4.5 V \diamond G \diamond)



Note

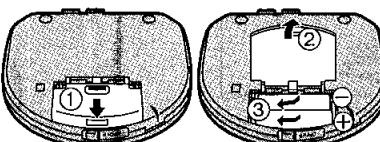
- Turn the unit off before connecting or disconnecting the AC adaptor.
- The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.

Using rechargeable batteries (not included)

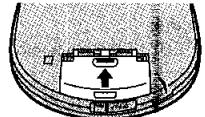
- If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended.
- This unit cannot recharge batteries. The battery indicator will not function correctly when using rechargeable batteries.

Using dry cell batteries (not included)

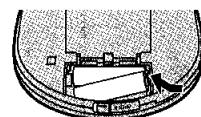
Insert two "LR6, AA, UM-3" alkaline batteries.



If the battery lid comes loose
Slide the lid back into place horizontally.



Removing batteries
Push up on the battery in the direction indicated by the arrow. Then lift it out.



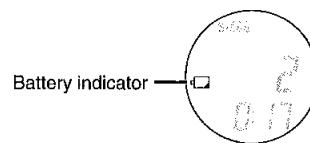
Note

The dry cell batteries should be changed when the unit is off.

If the unit malfunctions or freezes during use, disconnect the power source (the AC adaptor or batteries).

Re-connect the power source and continue operation.

Battery indicator



This indicator flashes when the batteries are almost out of power. Power is cut off completely a short while later. Replace batteries with new ones.

Note

The length of time the unit will continue to operate between when the battery indicator starts flashing and when the power is cut off differs depending on the type of batteries used.

Using the car adaptor

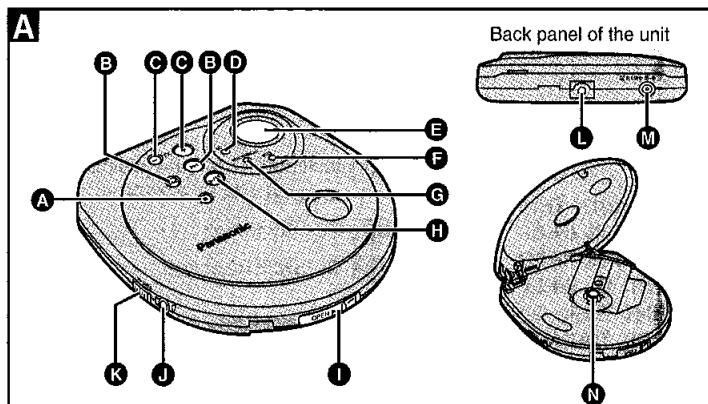
The SL-SX361C comes with a car adaptor. Be sure to use the adaptor specially designed for this model. (Refer to the separate "Installation Instructions".)

Use only the recommended car adaptor. Use of other car adaptors can damage the unit.

Be sure to obtain the car adaptor (SH-CDC9) for SL-SX390 and SL-SX340, available as an optional accessory.

Location of Controls

A



Portable CD Player A

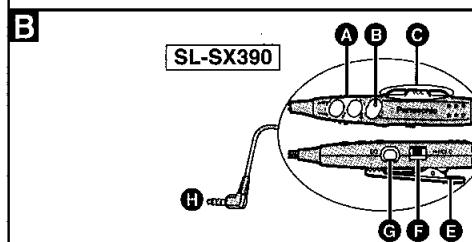
- Stop/operation off button (■)
- Skip/search buttons (◀, ▶)
- Headphone volume control buttons (-, VOL, +)
- EQ button (EQ)
- Display
- Mode button (MODE)
- Memory/recall button (MEMORY/RECALL)
- Play/pause button (▶/II)
- Open switch (OPEN ▶)
- Headphone jack (○)
- Hold switch (HOLD)
- Hole for car mounting base
- DC IN jack (DC IN 4.5 V \diamond G \diamond)
- CD release button (PUSH)

Wired remote control

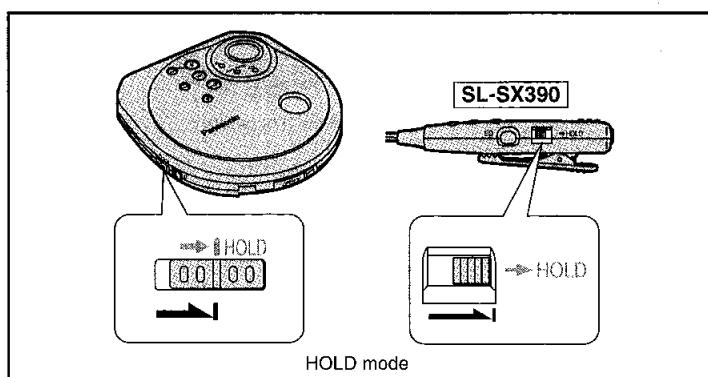
SL-SX390 B

- Skip/search buttons (◀, ▶)
- Play/stop/operation off button (■/▶)
- Volume control buttons (-, VOL, +)
- Headphone jack/ earphone jack
- Clip
- Hold switch (HOLD)
- EQ button (EQ)
- Plug

B



HOLD Function



This function causes the unit to ignore short, accidental button presses. (The disc lid can still be opened and closed.)

The HOLD function prevents the following:

- The unit is powered on accidentally when not in use, causing the batteries to run down.
- A button is accidentally pressed during play, interrupting the operation.

SL-SX390

You still can operate the unit with the remote control when the main unit's HOLD function is on and vice versa.

To use the HOLD function

Set [HOLD] to the HOLD position.

"*hold*" indication

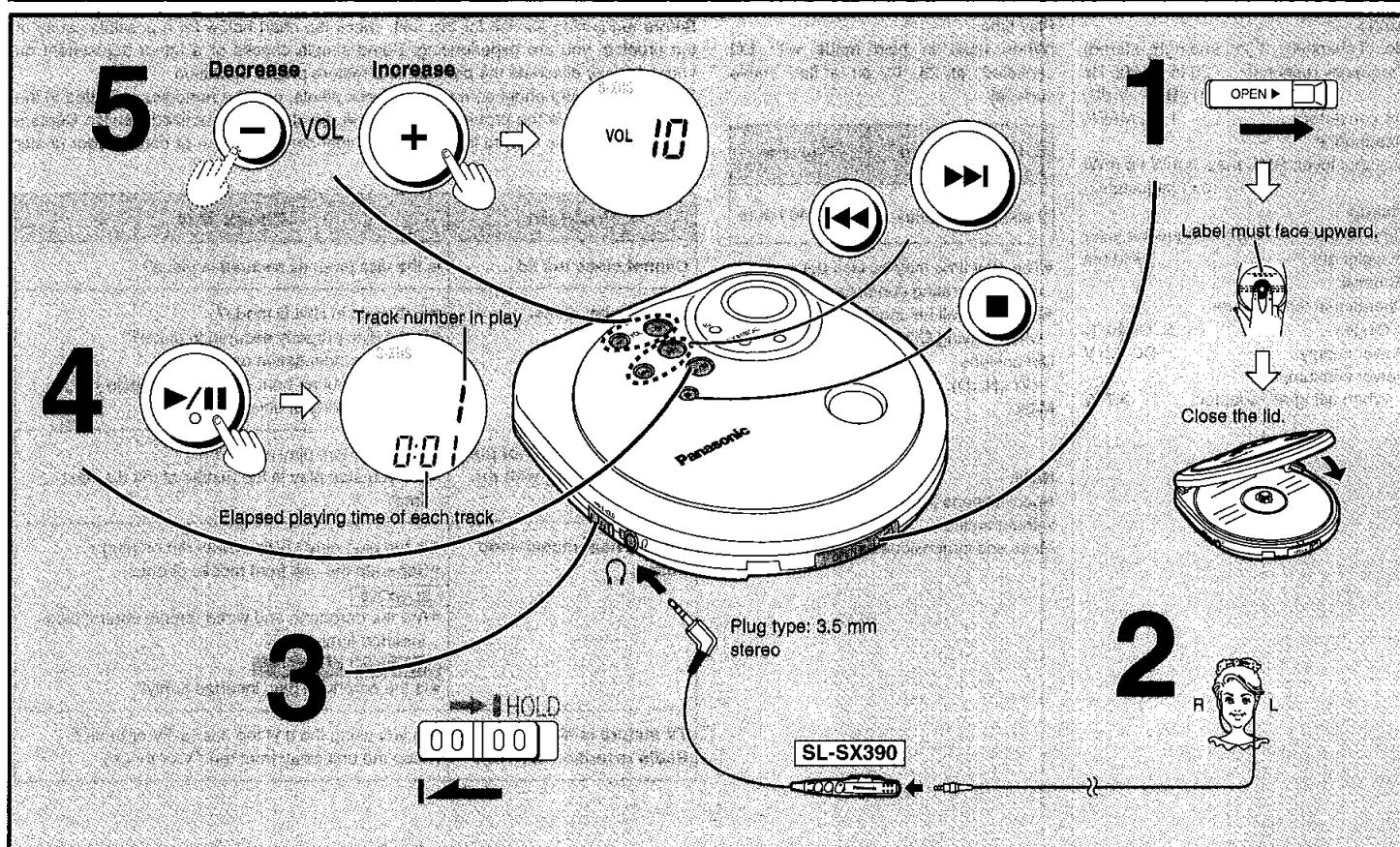
When the unit is in HOLD mode, pressing any button causes the indication "*hold*" to appear on the display.

When the unit is powered off

The "*hold*" indication appears only when [▶/II] is pressed.

Before operating the buttons

Be sure to move [HOLD] to release the unit from the HOLD mode.



Follow steps 1–5.

In step 2: Connect the stereo headphones and wired remote control (SL-SX390) to the headphone jack [Ω].

(Plug in firmly.)

In step 5: The volume range is 0–25. Press and hold to change the volume successively. The volume changes when pressed while the level is displayed. If any other display is shown, it changes to show the current level. (The volume returns to 10 when you disconnect the power source.)

• Play stops automatically when all the tracks have been played.

• If the unit has been connected to the car audio system, set this unit's volume to 10, then adjust the volume level on the system.

For your reference:

“no disc” indication

This indication appears for about 30 seconds if [▶/II] is pressed when no disc is loaded in the unit or if the disc is not properly secured.

“open” indication

This indication appears for about 10 minutes when the cover is opened. (However, the indication does not appear when the unit is turned off.)

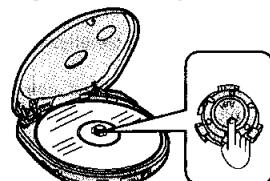
Removing discs

1 Press [■] to stop play and disc rotation.

2 Slide [OPEN ▶] to open the lid.

3 Press [PUSH] to release the disc.

Do not stop the disc by hand or try to remove it before it stops rotating. This can damage CDs.



Note

Never insert foreign objects into the unit.

Auto-off function

If you leave the unit in stop mode for about 10 minutes (30 seconds if disc is not loaded), it turns off to save the batteries.

Note on CD-R and CD-RW

This unit can play CD-DA format audio CD-R and CD-RW that have been finalized* upon completion of recording. It may not be able to play some CD-R or CD-RW due to the condition of the recording.

*Finalizing is a process that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

Operation	Button	Display/reference
To pause play	Press during play.	Press again to restart play.
To stop play Stop mode	Press during play.	Total number of tracks Total playing time
To turn off the unit Off mode	Press during stop mode.	No indicator is shown.
Skip forward/backward (skip function)	Press during play. (Press [◀▶] twice to skip to the beginning of the previous tracks.)	• During program play (page 4), these buttons are used to skip forward or backward through the programmed sequence of tracks. • You cannot skip to tracks that have been played in random or random repeat play (page 4). • During program play, 1-track repeat play, random play and random repeat play (page 4), search operation is limited to the current track only.
Rapid forward/backward (search function)	Backward Forward Press and hold during play.	

Resume function notes

- Opening the lid while in the stop mode or replacing the disc while in the off mode cancels the function. (It may remain active if you replace a disc in the off mode.)
- Play may resume from the beginning of the next track if you stopped play near the end of a track.
- The resume function works automatically and cannot be turned off.

Other Play Methods

The letters such as **B** in the various illustrations refer to the descriptions in the "Location of Controls" section (see page 2).

Skip play

The disc plays from the specified track through to the end, then play stops automatically.

Preparation: Put unit in stop mode.

1 Select the desired track.

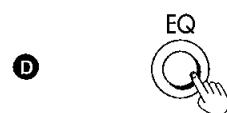


2



Changing the sound quality

Press during play or stop mode.



The setting switches in the sequence indicated below each time [EQ] is pressed.

S-XBS → TRAIN → Cancel (no indicator is shown)

S-XBS:

Select this setting to boost the low frequency range response.

TRAIN:

Select this setting to avoid annoying other passengers with noise from your earphones while riding on the train, or to reduce fatigue when listening for a long period of time.

Note

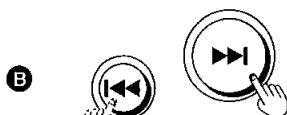
The setting returns to S-XBS when you disconnect the power source.

Program play

Up to 24 tracks can be entered in the programmed sequence.

Preparation: Put unit in stop mode.

1 Select the desired track.



2 Register in sequence.

(The indication "M" and the programmed sequence appear on the display.)



3 Repeat steps 1 and 2 to program all the desired tracks.

4



■ To program the same track in the sequence more than once

After step 2, press [MEMORY/RECALL] desired number of times.

■ If "F" is displayed

No more tracks can be programmed.

■ To confirm the contents of the program

Press [MEMORY/RECALL] while the disc is playing. (The numbers of the programmed tracks appear on the display in sequence.)

■ To delete the entire programmed sequence

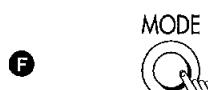
Press [■].

Note

The repeat and random play modes are canceled after steps 1 and 2.

Repeat play/Random play

Press during play or stop mode.



The setting switches in the sequence indicated below each time [MODE] is pressed.

1-track repeat (1 ↪)

One track is repeated.

All-track repeat (↪)

All the tracks on the disc are repeated.

Random (RANDOM)

The tracks play once each in random order and then play stops.

Random repeat (RANDOM ↪)

The tracks play repeatedly in random order.

Cancel (no indicator is shown)

When pressed during program play

The setting is switched in the sequence indicated below each time [MODE] is pressed.

1-track repeat (1 ↪ M)

One track is repeated.

Memory repeat (↪ M)

The programmed tracks are repeated.

Cancel (M)

Note

- You can select the first track to play in random play and random repeat play by pressing [▶/II] while the disc is stopped. All the tracks are played.
- You cannot select random play or random repeat play during program play.
- The resume function does not work when random or random repeat are on.
- The mode is canceled when you disconnect the power source.

Anti-Skip System

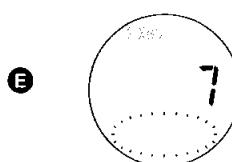
This system deals with skipping in a variety of ways:

- An anti-skip mechanism prevents skipping caused when play speed changes due to swinging of the unit.
- A recovery system immediately returns the laser pickup to its original position if it is knocked off the track by a strong shock.
- An anti skip memory (max. 48 seconds) fills in interruptions caused by bumps and vibrations.

The anti-skip system works automatically while the system is on and cannot be canceled.

When bumps continue repeatedly

The elapsed playing time disappears and sound is interrupted.



Note

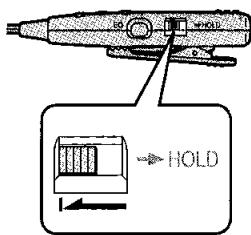
- While the system is on, the disc rotates at a higher rate than usual in collecting extra audio data. This could result in a slight increase in disc rotation noise.
- The anti-skip memory compresses digital signals.

Using the Wired Remote Control SL-SX390

The remote control can be operated regardless of the HOLD mode of the unit.

Preparation:

Release the remote control from the HOLD mode.



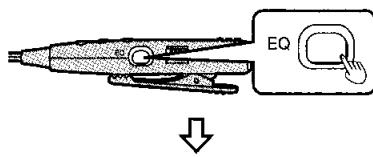
Operation confirmation tones

When an operation button is pressed, a confirmation tone sounds. Refer to the parentheses in the illustration for the different types of confirmation tones.

Turning the operation tones off and on

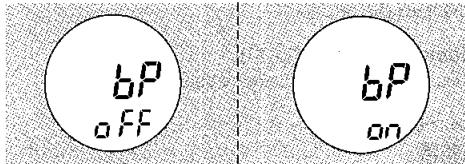
While stopped or during play

Press and hold [EQ] on the remote control for 5 seconds until the display appears. The tone sounds when the setting is changed.



To turn the tone off

To turn the tone on

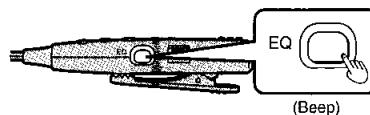


Basic operation

To start play	Press once during off or stop mode.	
To stop play	Press once during play.	
To turn off the unit	Press and hold during play or stop mode.	
Skipping tracks	Press during play. (Press [\blacktriangleleft] twice to skip to the beginning of the previous tracks.)	
Searching through tracks	Press and hold during play.	
To adjust the volume	Decrease (Beep) Press and hold to change the volume successively. Increase (Beep) A tone (beep-beep) sounds when you reach the minimum or maximum volume.	

Changing the sound quality

Press during play or stop mode.



The setting switches in the sequence indicated below each time [EQ] is pressed.

S-XBS → TRAIN → Cancel (no indicator is shown)

S-XBS:

Select this setting to boost the low frequency range response.

TRAIN:

Select this setting to avoid annoying other passengers with noise from your earphones while riding on the train, or to reduce fatigue when listening for a long period of time.

Note

The setting returns to S-XBS when you disconnect the power source.

Using the Unit with Optional Accessories

Using the unit with an audio system

Use a stereo phono cable (not included) to connect to your audio system.

Turn off this unit and the other equipment before connection.

SL-SX390 A

- 1 Connect the remote control to [Ω] on the unit.
- 2 Connect the stereo phono cable to the remote control and the other equipment.
 - The unit may malfunction if you connect directly to [Ω] on the unit.
- 3 Turn the operation tones off (see above) so they are not heard when you press buttons on the remote control.
- 4 Set the volume to 10.

Make further volume adjustments with the other equipment.

SL-SX340 SL-SX361C B

- 1 Connect the stereo phono cable to [Ω] on the unit.
- 2 Set the volume to 10.

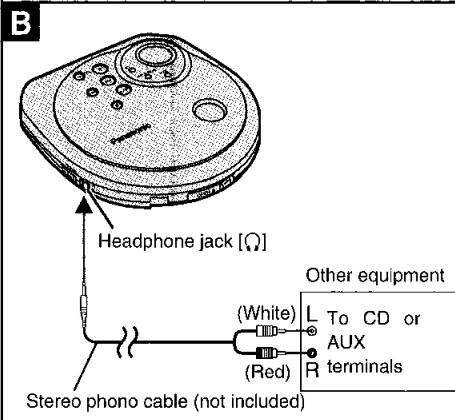
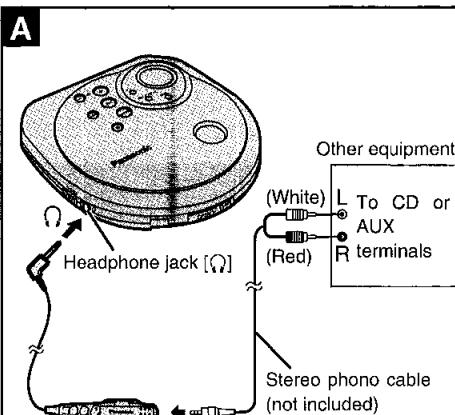
Make further volume adjustments with the other equipment.

Note

- Do not connect the cable to the PHONO jacks on the amplifier.
- Obtain the optional connecting cable if the other equipment comes with mini-phone jacks.

SL-SX390

- If you connect speakers (active or otherwise) directly to [Ω] on the unit, ensure they have an impedance of 1 k Ω or less.



Using the unit with a car audio system

The SL-SX361C model comes with a car adaptor and car stereo cassette adaptor.

Please refer to the "Installation Instructions" (attached sheet).

Use only the specified car stereo cassette adaptor and car adaptor. The part numbers are indicated in parentheses.

Items to be purchased (SL-SX390/SL-SX340)

For connection to the car audio system

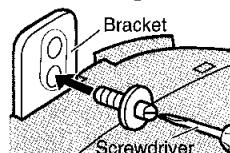
Car stereo cassette adaptor (SH-CDM10A)

Connect the car stereo cassette adaptor to [Ω] on the unit. (When doing this, set this unit's volume to 10.)

For securing the unit and connecting to the power supply:

- Car adaptor (SH-CDC9)
- Car mounting kit (SH-CDF20)

Note when using the car mounting kit (SH-CDF20)



- ① Remove the screw from the bracket at the rear of the car mounting base.
- ② Replace the screw in the lower hole of the bracket.

Note

- When you switch off the car, volume and sound quality may return to the original settings and the resume function may work even if you change the disc.

- It may not be possible to use the unit with some types of car stereos owing to restrictions imposed by the construction of the car stereo cassette adaptor.

For further details, refer to the instructions of the part concerned.

Specifications

Audio

No. of channels: 2 (left and right, stereo)

Frequency response: 20 to 20,000 Hz
(+0 dB to -7 dB)

DA converter: 1 bit, MASH

Headphone output level: RMS max. 8 mW+8 mW/
16 Ω (adjustable)

Pickup

Light source: Semiconductor laser

Wavelength: 780 nm

General

Operational temperature range: 0 °C-40 °C

Power supply: DC 4.5 V

Power consumption: When using AC adaptor: 3.7 W

Play time:

[When used in hold mode with EQ canceled, at 25 °C, on a flat, stable surface]

Batteries used	Play time
2 alkaline batteries	About 40 hours

- The play time may be less depending on the operating conditions.
 - Play time will be considerably reduced when playing CD-RW.
- Dimensions (W×H×D): 128×26.3×131.5 mm
Mass: 243 g (with batteries)
197 g (without batteries)

Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.

Troubleshooting Guide

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of Authorized Service Centers (enclosed with this unit) to locate a convenient service center, or consult your dealer for instructions.

Problem	Check this
Cannot close the lid.	Is the disc properly secured in place?
Cannot play discs.	<ul style="list-style-type: none"> • Is the unit in HOLD mode? • Is the disc properly secured in place? • Is there condensation on the lens? <p>(Wait for about an hour and then try again.)</p> <ul style="list-style-type: none"> • Is the disc dirty or scratched?
Tracks on disk do not play in order, starting with the first track.	<ul style="list-style-type: none"> • Is the random play mode on? • Did you stop play in the middle of the disc last time?
Cannot hear music—too noisy.	<ul style="list-style-type: none"> • Is the plug dirty? (Wipe away dirt on plug.) • Separate the unit from mobile phones. <p>SL-SX390</p> <ul style="list-style-type: none"> • Are the earphone and wired remote control plugs inserted firmly? <p>SL-SX340 SL-SX361C</p> <ul style="list-style-type: none"> • Is the earphone plug inserted firmly?
TV picture is distorted. Radio reception is noisy.	Are you using the unit too near a TV or tuner? (Keep the unit away from the TV or tuner.)

Cautions

Care of dry cell batteries

To prevent battery damage, electrolyte leakage and short-circuiting, heed the following points.

- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles + and - correctly when inserting the batteries.
- Do not mix different types of batteries or old and new batteries.
- Remove the batteries if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Do not attempt to recharge dry cell batteries.
- Do not allow metal objects to touch the battery terminals as this may cause short-circuiting which is dangerous.
- When carrying batteries in a pocket or bag, ensure no metal objects such as necklaces are placed together with them. Contact with metal may cause short-circuiting which can cause a fire.

AC adaptor

• Handle the AC adaptor carefully. Improper handling is dangerous.

- Do not touch it with wet hands.
- Do not place heavy objects on top of it.
- Do not forcibly bend it.

• Be sure to connect only the AC adaptor provided or recommended one with the unit.

• Disconnect the AC adaptor from the household mains socket if the unit is not going to be used for a long time.

Unit

No altering or remodeling

This can cause malfunctioning.

No dropping or strong impacts

This may damage the unit.

Locations to be avoided

Avoid using the unit in the following locations since they can cause malfunctioning.

1. Bathrooms and other moisture-prone places
2. Warehouses and other dusty places
3. Very hot places near heating appliances, etc.

Do not leave the unit exposed to direct sunlight for long periods of time

This may deform or discolor the cabinet and may also cause malfunctioning.

Precautions for Listening with the Headphones or Earphones

- Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- Even if your headphones or earphones are the open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.
- Discontinue use if you experience discomfort with the headphones, earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

When driving a car

In the interest of traffic safety, do not operate the unit while driving.

Maintenance

If the surfaces are dirty

To clean this unit, wipe with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Maintaining the lens

Open the lid and clean the lens as shown in the figure. Use a cotton swab to gently wipe off any finger-prints.

Recommended product: Lens cleaner kit (SZZP1038C)

